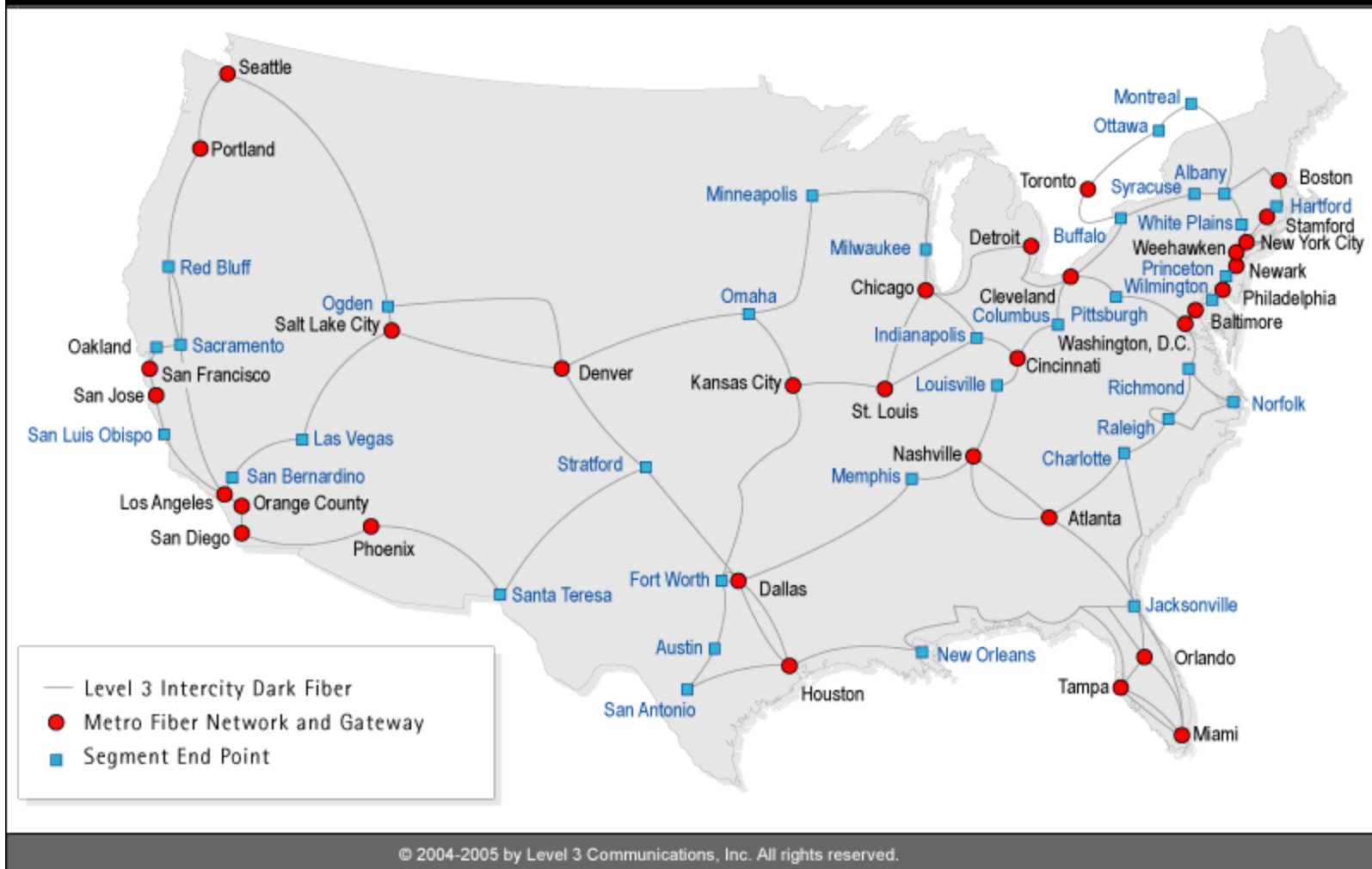
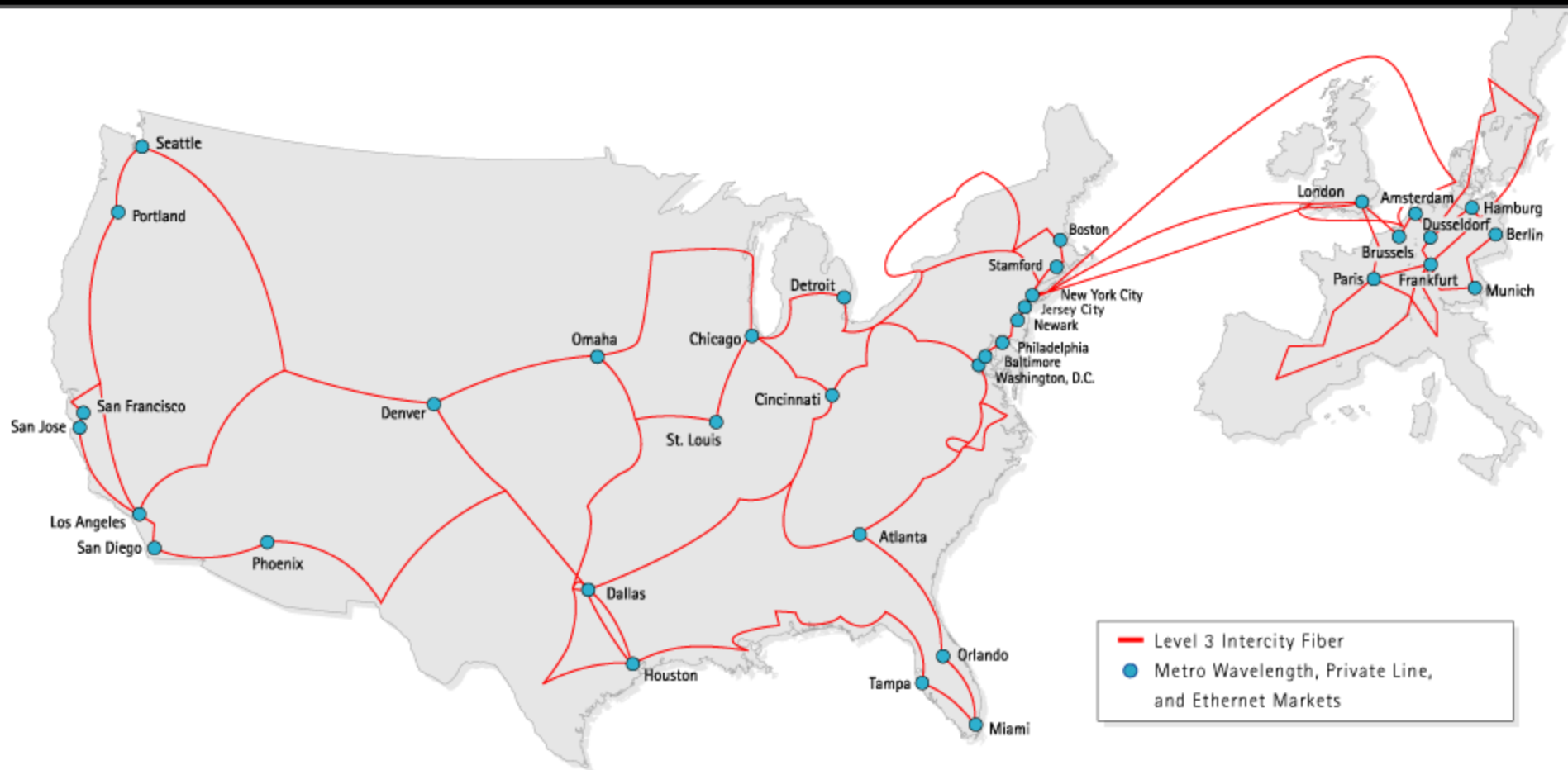




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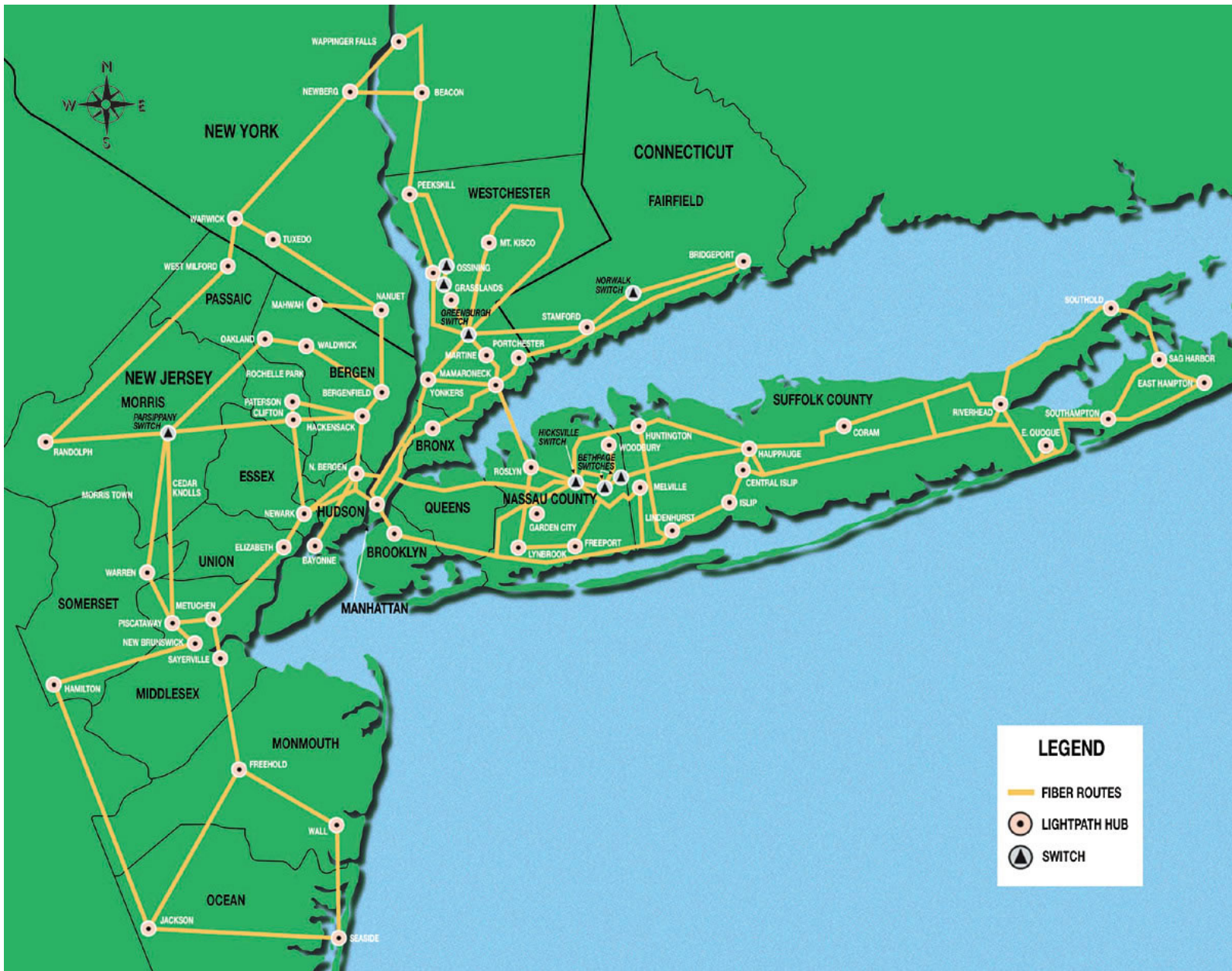
### Metro Networks

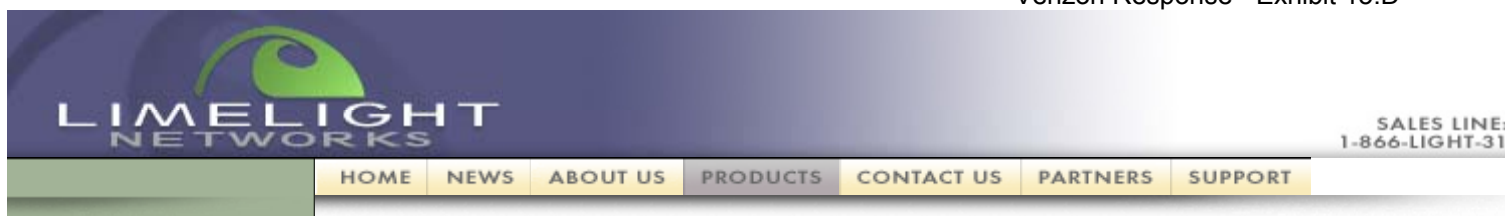
Amsterdam	Chicago	Frankfurt	Miami	Paris	San Jose
Atlanta	Cincinnati	Hamburg	Munich	Philadelphia	Seattle
Baltimore	Dallas	Houston	Newark	Phoenix	St. Louis
Berlin	Denver	Jersey City	New York City	Portland	Stamford
Boston	Detroit	London	Orange County	San Diego	Tampa
Brussels	Dusseldorf	Los Angeles	Orlando	San Francisco	Washington, D.C.

### Network Statistics

- 23,000 intercity route miles
- 2,200 metropolitan route miles
- 947,000 miles of installed metro fiber
- 320 Gbps of transatlantic capacity
- 765 international points of presence
- 99 on-net markets
- 300+ voice markets by end of 2004

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## Network Map

[PRODUCTS](#)  
[MAIN](#)

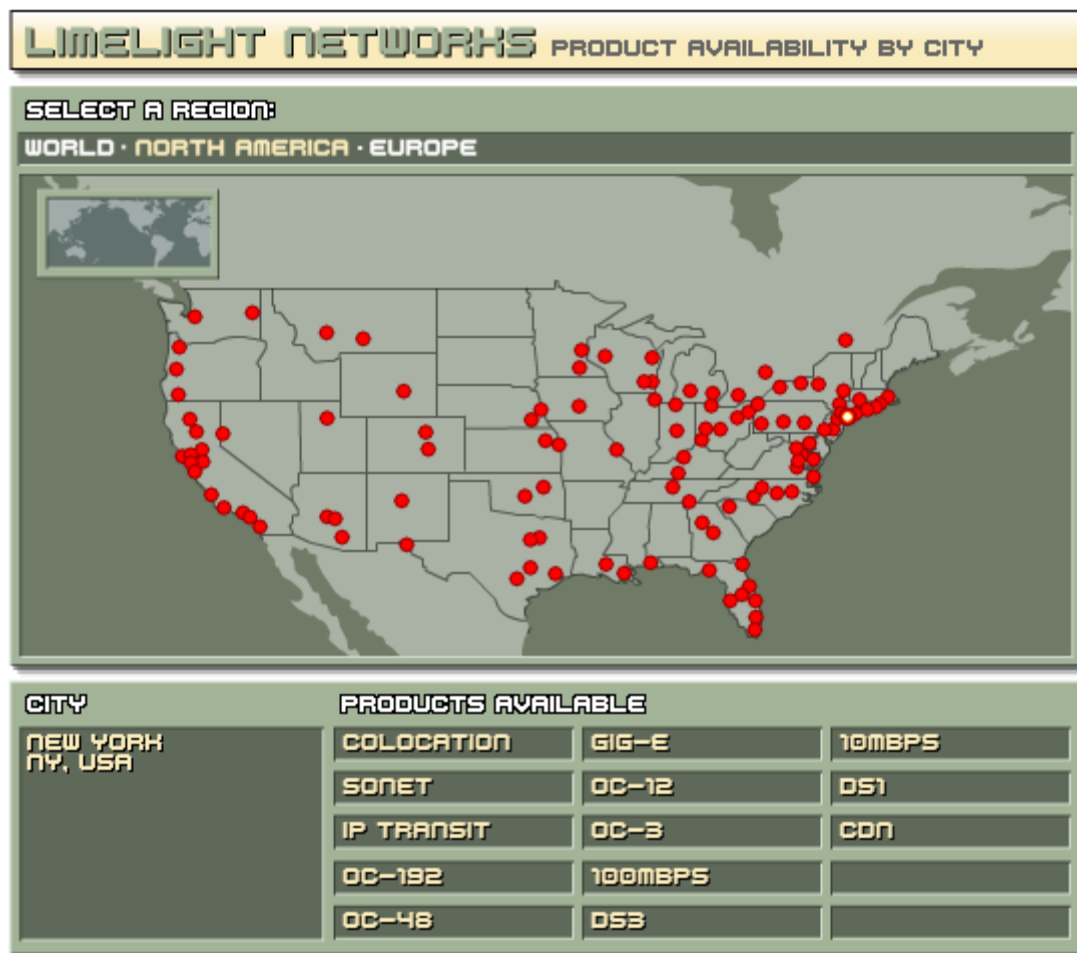
[ContentEDGE](#)

[MediaEDGE](#)

[BackBone](#)  
[Connect](#)

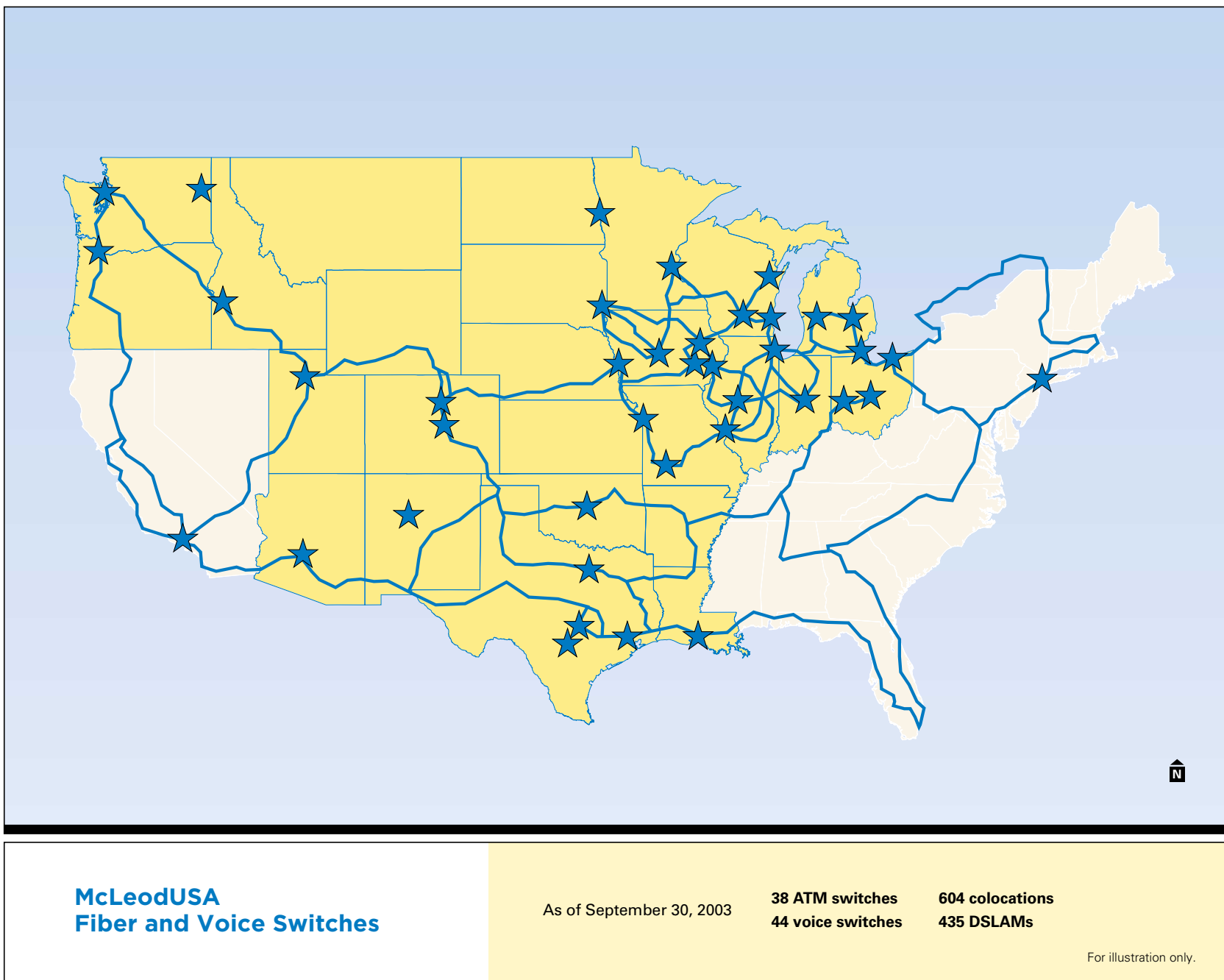
[Download](#)  
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[Tools](#)

[NETWORK](#)  
[MAP](#)



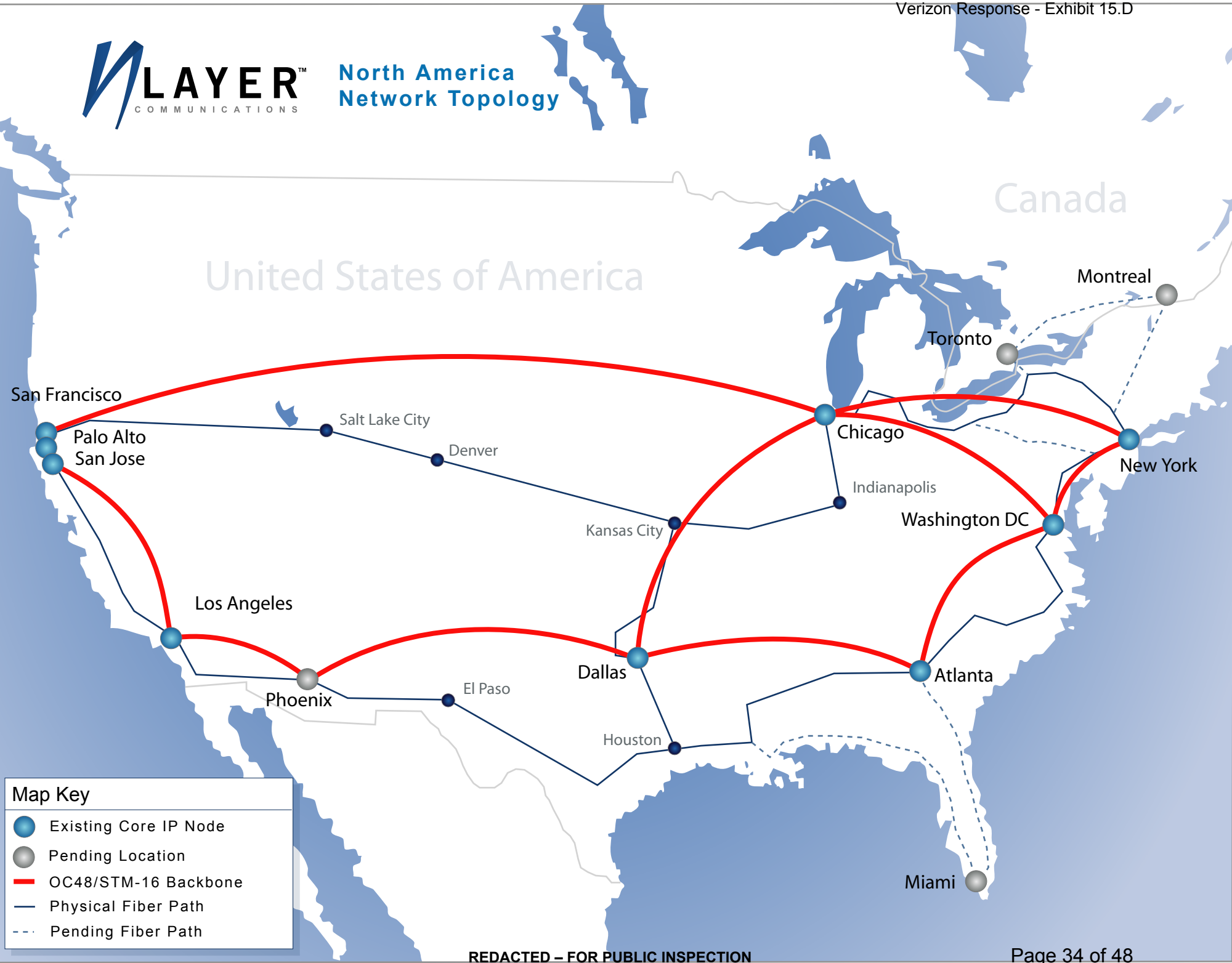
**International Delivery** - Limelight Networks is integrated with some of the largest international transit providers in the industry and our suite of delivery services takes advantage of major network interconnection locations to insure best delivery routes around the globe. Currently, Limelight Networks has direct access to over 200,000 route miles of international data delivery with carrier's that maintain private operations in Asia, South America, North America and Europe.

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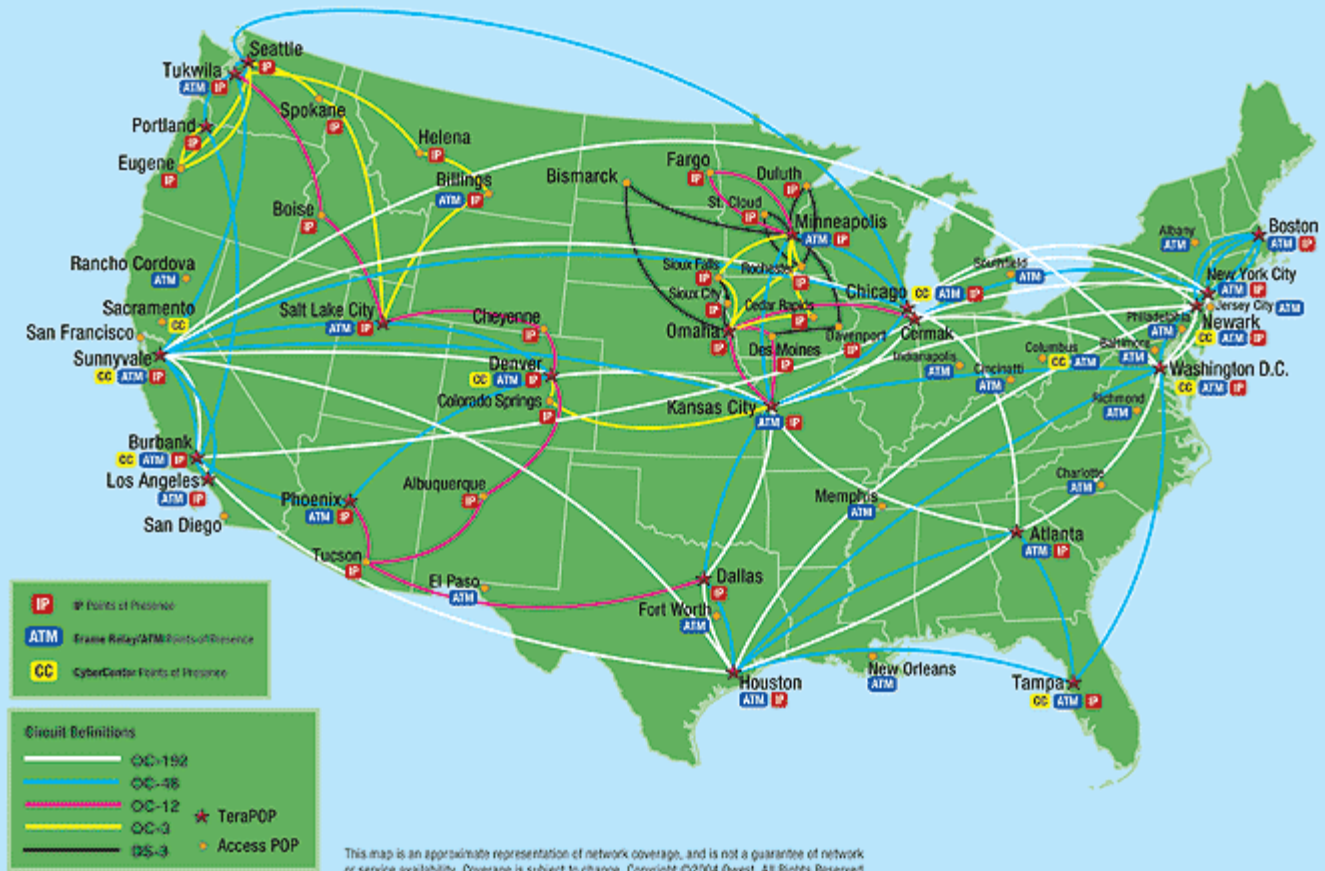




# North America Network Topology



# Qwest iQ Networking Map



As of 10/03/04  
BM100401

**Qwest.**  
Spirit of Service®



## SBC Internet Services Peering Information

[Peering Contacts](#) | [SBCIS Exchange Point Peering](#) | [SBCIS Public Peering Guidelines](#) | [SBCIS Private Peering Guidelines](#)

### SBC Internet Services Peering Contact Information

Role	Name	Telephone	Email
General Peering Account	Peering Review Team		<a href="mailto:peering@sbc.com">peering@sbc.com</a>
Maintenance Notification & Outage Reporting	Network Operations Center	+1-214-473-2237	<a href="mailto:peerops@sbc.com">peerops@sbc.com</a>
Negotiators	Ren Provo & Dee Dee McGarry		<a href="mailto:ren@sbc.com">ren@sbc.com</a> and <a href="mailto:deedee@sbc.com">deedee@sbc.com</a>

### SBC Internet Services Exchange Point Participation Details

European Exchange Points	ASN	Announcing	Primary IP	Secondary IP	Notes
AMS-IX, Amsterdam, NL	7132	AS-SBCIS-7132	195.69.145.135		TeleCity2
BNIX, Brussels, BE	7132	AS-SBCIS-7132	Pending		Interxion
DE-CIX, Frankfurt, DE	7132	AS-SBCIS-7132	Pending		Interxion
LINX, London, UK	7132	AS-SBCIS-7132	195.66.224.210	195.66.226.210	Telehouse East
ESPANIX, Madrid, ES	7132	AS-SBCIS-7132	Pending		Banesto
PARIX, Paris, FR	7132	AS-SBCIS-7132	Pending		Telehouse Voltaire

United States Exchange Points	ASN	Announcing	Primary IP	Secondary IP	Notes
Equinix, Ashburn, VA	7132	AS-SBCIS-7132	206.223.115.79	206.223.115.89	Bldg. F
Equinix, Newark, NJ	7132	AS-SBCIS-7132	206.223.131.79		
Equinix, Dallas, TX	7132	AS-SBCIS-7132	206.223.118.79		
Equinix, Los Angeles, CA	7132	AS-SBCIS-7132	206.223.123.79		
Equinix, San Jose, CA	7132	AS-SBCIS-7132	206.223.116.79	206.223.116.89	
Equinix, Chicago, IL	7132	AS-SBCIS-7132	206.223.119.79		
S&D PAIX, New York, NY	7132	AS-SBCIS-7132	198.32.118.7		
S&D PAIX, Vienna, VA	7132	AS-SBCIS-7132	198.32.190.18		
S&D PAIX, Atlanta, GA	7132	AS-SBCIS-7132	198.32.182.11		
S&D PAIX, Palo Alto, CA	7132	AS-SBCIS-7132	198.32.176.112	198.32.176.182	
S&D PAIX, Seattle, WA	7132	AS-SBCIS-7132	198.32.134.14		
SIX, Seattle, WA	7132	AS-SBCIS-7132	198.32.180.76		
Nap of the Americas, Miami, FL	7132	AS-SBCIS-7132	198.32.124.82		

### SBC Internet Services Peering Guidelines - Public & Private

The guidelines for establishing public peering with SBC Internet Services are as follows:

1. For US based ISPs coast-to-coast nationwide OC-48/STM16 (2.4 Gbps) or larger public IP backbone network.
2. Presence at three or more geographically dispersed public peering points listed above for domestic ISPs.
3. Presence at two or more public peering points listed above for International ISPs.
4. A total minimum busy hour traffic exchange of 50 Mbps with SBC Internet's Autonomous System Number will be required.
5. Must not have been an IP transit customer of SBC Internet in the past six (6) months.
6. Willingness to enter into a Bilateral Interconnection Agreement and Non-Disclosure Agreement with SBC Internet.
7. Operation of a 24x7x365 Network Operations Center (NOC) that proactively monitors all peering connections and provides an escalation path to quickly identify and resolve network problems.
8. No requirement for a balanced traffic exchange ratio due primarily to the asymmetric nature of current broadband metallic transmission systems such as ADSL and cable modems.
9. Joint quarterly capacity planning reviews for interconnection augmentation to accommodate traffic growth and minimize the

possibility of latency or packet loss between both networks.

10. Hot-potato routing is implied (i.e. we will not send or honor MEDs)
11. Consistent routes announcements at all public peering points.
12. MD5 passwords are required for all sessions.
13. Meeting the guidelines above for public peering with SBC Internet is not a guarantee that peering will be established. SBC Internet reserves the right to not grant peering to an applicant based on business reasons.
14. Peers who are unable to maintain the minimums listed above will be given 30 days written notice to remedy the situation.
15. Periodic review of the policies above to ensure that the criteria and eligibility requirements are consistent with SBC Internet growth and expansion is acknowledged.

**The guidelines for establishing private peering with SBC Internet Services are as follows:**

1. For US based ISPs coast-to-coast nationwide OC-48/STM16 (2.4 Gbps) or larger public IP backbone network.
2. Presence at three or more geographically dispersed private peering cities listed above for US based ISPs.
3. Presence at two or more geographically dispersed private peering cities listed above for International ISPs.
4. A total minimum busy hour traffic exchange of 250 Mbps with SBC Internet's Autonomous System Number will be required.
5. Must not have been an IP transit customer of SBC Internet in the past six (6) months.
6. Willingness to enter into a Bilateral Interconnection Agreement and Non-Disclosure Agreement with SBC Internet.
7. Operation of a 24x7x365 Network Operations Center (NOC) that proactively monitors all peering connections and provides an escalation path to quickly identify and resolve network problems.
8. No requirement for a balanced traffic exchange ratio due primarily to the asymmetric nature of current broadband metallic transmission systems such as ADSL and cable modems.
9. Joint quarterly capacity planning reviews for interconnection augmentation to accommodate traffic growth and minimize the possibility of latency or packet loss between both networks.
10. Consistent routes announcements at all private peering points.
11. Hot-potato routing is implied (i.e. we will not send or honor MEDs)
12. MD5 passwords are required for all sessions.
13. Meeting the guidelines above for private peering with SBC Internet is not a guarantee that private peering will be established. We prefer to trial peering at several locations to best establish circuit sizing for privates prior to committing dedicated resources. SBC Internet reserves the right to not grant peering to an applicant based on business reasons.
14. Both companies shall agree to sustain an equal financial burden for the costs of private interconnection via local facilities.
15. Peers who are unable to maintain the minimums listed above will be given 30 days written notice to remedy the situation.
16. Periodic review of the policies above to ensure that the criteria and eligibility requirements are consistent with SBC Internet growth and expansion is acknowledged.

Last Modified: 04/05/2005 11:06:00 Last Modified: March, 10th 2005 12:020

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# Verizon Response - Exhibit 15.D

## Sprint IP Service Presence

### MAP KEY

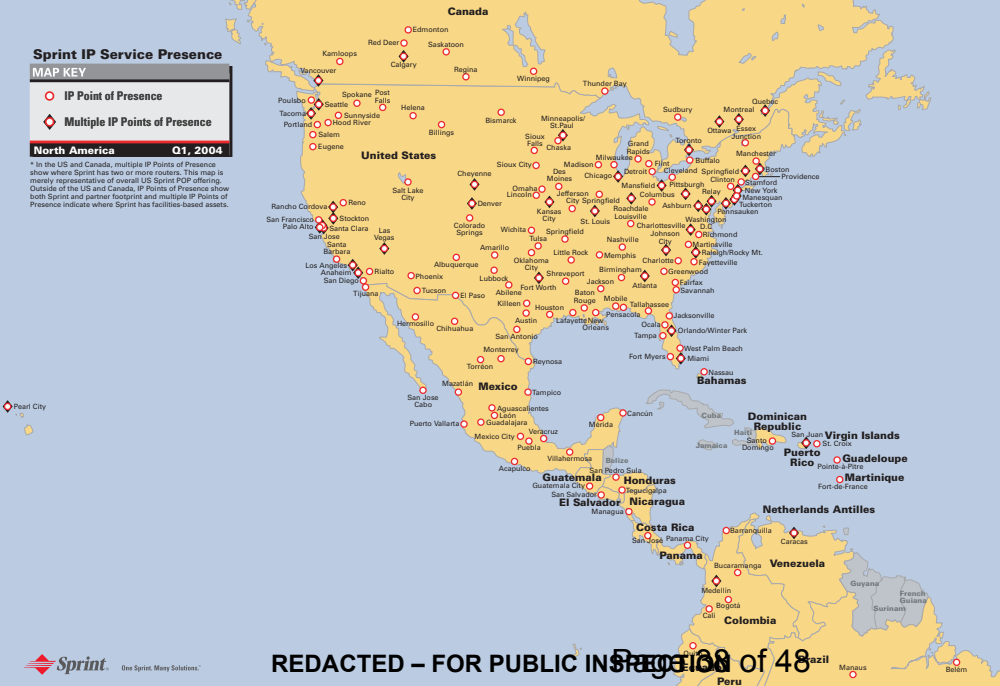
○ IP Point of Presence

◆ Multiple IP Points of Presence

North America

Q1, 2004

\* In the US and Canada, multiple IP Points of Presence show where Sprint has two or more routers. This map is merely representative of overall US Sprint POP offering. Outside of the US and Canada, IP Points of Presence show both Sprint and partner footprint and multiple IP Points of Presence indicate where Sprint has facilities-based assets.



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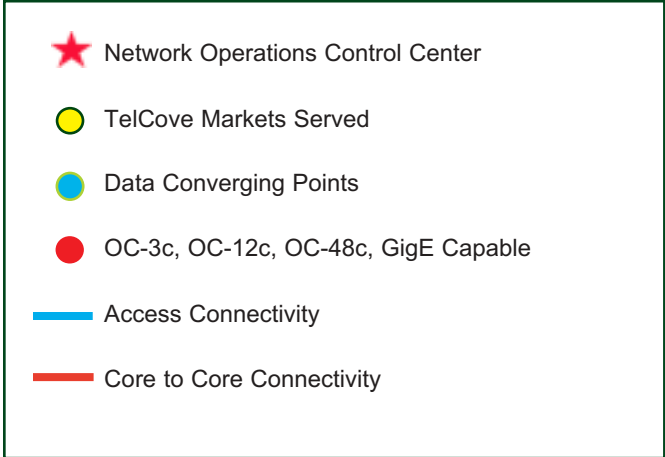


One Sprint. Many Solutions.™

**ATM Infrastructure as of February 2005**



IP Infrastructure as of February 2005

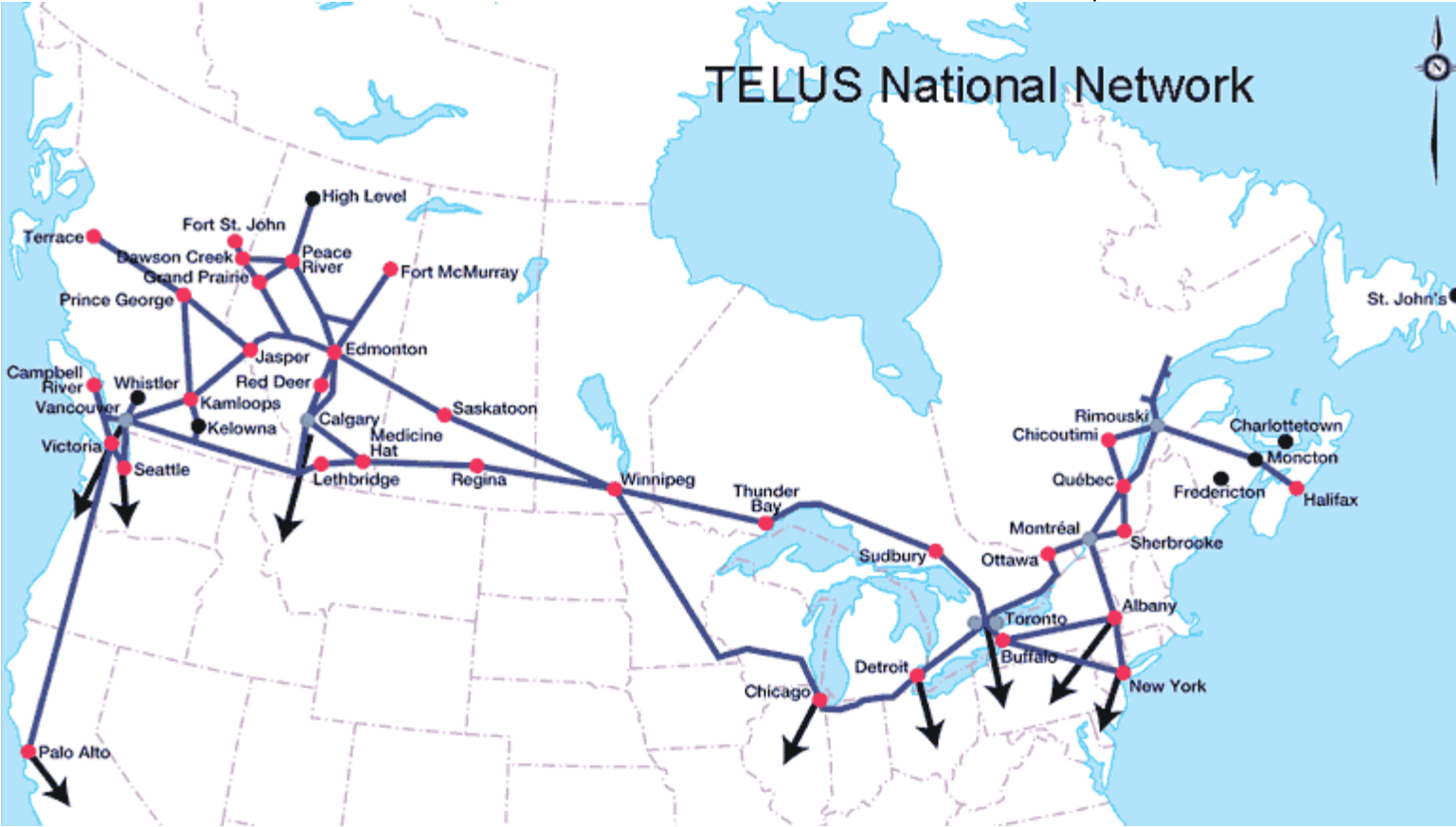


TelCove's IP network currently consists of two Core POP locations, Pittsburgh and Atlanta, which are interconnected with Gig-E diverse links. Each POP is also connected with at least 622Mb/s links to a minimum of three separate Internet transit providers, enabling, survivable connectivity to the rest of the Internet community.

Each TelCove served market which is equipped with an access router is connected to a Core POP location with at least a 150 Mb/s protected link. All other markets are backhauled to the nearest access router for network connectivity.

Although this diagram illustrates logical connectivity, each of the links shown are typically delivered over a diverse DWDM network with SONET protection enabled, which provides optimum resiliency.

★ Network Management Center  
 ● TelCove Markets Served  
 ● Gateway Points





# US Long Haul Map



Last modified on November 8, 2004

Subject to change without notice. Please verify with Sales or Applications Engineering.

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[http://www.360.net/files/Images/Our\\_Networks/Network\\_Map\\_Dynegey\\_EN.gif](http://www.360.net/files/Images/Our_Networks/Network_Map_Dynegey_EN.gif)

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Connecting Your Business to More Business begins by delivering high speed, secure, and reliable communications over our more than 19,000 miles of fiber networks, to business in 22 states and 44 U.S. markets. We connect to more than 5,000 buildings and pass thousands more, providing us a unique opportunity to meet the growing demand for new data services and to capture increased market share. Our optical networks are fast, powerful, flexible, secure and highly reliable to deliver a comprehensive suite of voice, data, dedicated Internet and integrated communications services to our customers.

## Our Networks



### General Network Map



## IP Backbone Map



DUE TO OUR CONTINUED GROWTH, THIS MAP IS SUBJECT TO CHANGE.

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